Gainward BLISS9800GX2 PCX 1024MB HDMI Dual DVI

PRODUCT SPECIFICATIONS

- **Superior Hardware Design**

- **Gainward's** award winning High-Performance/ Wide-Bandwidth™ hardware design powered by **dual NVIDIA's GeForce™ 9800** GPU integrating **1024MB/512bits (dual ranks of 512MB/256bits)** high-speed DDR3 memory which offers enhanced, leading-edge performance for the 3D enthusiasts.

- **600MHz** core clock, **1000MHz** (DDR 2000) memory clock.

- High performance 2-slot Fan Cooling.

- **Dual Dual-link DVI ports**, provides up to 2560x1600 resolution with HDCP support.

- Provides **HDMI** functionality up to 1920x1080p resolution.

- Supports two monitors simultaneously, enabled by the NVIDIA **nView™** Multi-Display Technology for office applications, 3D gaming and professional applications such as CAD, DTP, animation or video editing. NVIDIA **nView™** allows end-users to select any combination of multiple displays.

- Includes Gainward's award winning **EXPERTool™ tuning utility** for customized performance enhancements and efficient desktop management.

- Easy Plug-and-Play **AUTORUN** installation from CD-ROM.

CHIPSET SPECIFICATIONS

- **NVIDIA GeForce™ 9800GX2**

- **NVIDIA unified architecture**: Fully unified shader core dynamically allocates processing power to geometry, vertex, physics, or pixel shading operations, delivering up to 2x the gaming performance of prior generation GPUs.

- **GigaThread Technology:** Massively multi-threaded architecture supports thousands of independent, simultaneous threads, providing extreme processing efficiency in advanced, next generation shader programs.

- **Full Microsoft DirectX 10 Support:** World's first DirectX 10 with full Shader Model 4.0 support delivers unparalleled levels of graphics realism and film-quality effects. It provides reference GPU for industry's DirectX 10 API development and certification.

- **NVIDIA Lumenex Engine:** Delivers stunning image quality and floating point accuracy at ultra-fast frame rates:

  16x Anti-aliasing: Lightning fast, high-quality anti-aliasing at up to 16x sample rates obliterates jagged edges.

  128-bit floating point High Dynamic-Range (HDR) Lighting: Twice the precision of prior generations for incredibly realistic lighting effects – now with support for anti-aliasing.

BUNDLED ACCESSORIES

- Gainward QuickStart Manual

- Driver CD and Application S/W

Driver for Windows Vista/XP/2000

Tomb Raider

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- **NVIDIA HybridPower™ Technology** lets you switch from the 9800GX2 graphics to the motherboard GPU when running non graphically-intensive application for a low power PC experience.

- **Quad NVIDIA SLI™ Technology:** offers amazing performance sacling by implementing 4-way AFR (Alternate Frame Rendering), for the world's fastest gaming solution under Windows Vista with solid, state-of-the-art drivers.

- **NVIDIA ForceWare Unified Driver Architecture (UDA):** Delivers a proven record of compatibility, reliability, and stability with the widest range of games and applications. ForceWare provides the best out-of-box experience and delivers continuous performance and feature updates over the life of NVIDIA GeForce GPU.

- **PCI Express 2.0 Support:** Designed to run perfectly with the new PCI Express 2.0 bus architecture, offering a future-proofing bridge to tomorrow's most bandwidth-hungry games and 3D applications by maximizing the 16 GB/s PCI Express 2.0 bandwidth(twice that of first generation PCI Express).

- **NVIDIA Quantum Effects Technology:** Advanced shader processors architected for physics computation enable a new level of physics effects to be simulated and rendered on the GPU – all while freeing the CPU to run the game engine and AI..

- **OpenGL 2.1 Optimizations and Support:** Ensures top-notch compatibility and performance for OpenGL application.

- **PureVideo™ HD technology** The combination of high-definition video decode acceleration and post-processing that delivers unprecedented picture clarity, smooth video, accurate color, and precise image scaling for movies and video. It provides ultra-smooth playback of H.264, VC-1, WMV, MPEG-2 HD and SD movies.

- **HDCP Capable (support Dual-link DVI)** Designed to meet the output protection management (HDCP) and security specifications of the Blu-ray Disc and HD DVD formats, allowing the playback of encrypted movie content on PCs when connected to HDCP-compliant displays.

- Cables and Accessories

  SPDIF in cable (optional)

  DVI to VGA converter

Note: Gainward's bundle items are subject to change. Please refer to your local Gainward dealer for more information, or the description in the regional product package

SYSTEM REQUIREMENTS

- Intel Core2Duo series, AMD Athlon 64 X2 series or above CPU

- A minimum of 2GB system memory

- A minimum **580W** system power supply with one **6-pin** power and one **8-pin** power connector available.

- DVD-ROM drive

- Requires a PCI Express compliant motherboard

- Requires an available PCI Express slot

- Windows Vista/XP/2000

API SUPPORT

- DirectX 9.0c/10 in hardware

- OpenGL 2.1 support

OS SUPPORT

- Windows Vista/XP/2000

BAR CODE

- Large Box: 471846200-9047